

Richter Scale

Magnitude	Strength (10× as great as previ- ous magnitude)	Results
1	0	Not felt by people; no damage to structures
2	10	Not felt by people; no damage to structures
3	100	Felt by people; some rattling of windows and dishes
4	1000	Slight damage to structures
5	10,000	Minor quake; some damage to structures
6	100,000	Some damage to reinforced concrete; severe damage to adobe houses; breakage of windows, dishes, and glassware
7	1,000,000	Severe damage to structures; damage extending 10 kilometers from epicenter; cracks in ground
8	10,000,000	“Great” quake; total destruction near epicenter; large chunks of landscape moved out of place; severe damage extending 20 kilometers from epicenter; damage extending 200 kilometers